

ACKNOWLEDGMENT OF COMPLETION REPORT
FOR
KMCO TEG RELEASE
16503 RAMSEY ROAD
INTERSECTION OF RAMSEY ROAD & CROSBY DAYTON ROAD
CROSBY, HARRIS COUNTY, TEXAS

Prepared for

U.S. Environmental Protection Agency
Linda Carter, Project Officer
1445 Ross Avenue
Dallas, Texas 75202

Contract No. EP-W-06-042
TDD No. TO-0001-08-11-02
WESTON W.O. No. 20406.012.001.0383.01
NRC Nos. 890448 and 890453
FPN N/A
CERCLIS ID N/A
EPA OSC Adam Adams
START-3 PTL Thomas Walzer

Submitted by

Weston Solutions, Inc.
Robert Beck, VP, P.E., Program Manager
70 NE Loop 410, Suite 600
San Antonio, Texas 78216
(210) 308-4300

22 December 2008



9634572

ACKNOWLEDGMENT OF COMPLETION REPORT

1. PROJECT IDENTIFICATION

Date: 22 December 2008

To: Adam Adams, On-scene Coordinator (OSC)
U.S. Environmental Protection Agency (EPA)
Region 6, Prevention and Response Branch

Through: Linda Carter, Project Officer (PO)
EPA Region 6, Program Management Branch

Through: Robert Beck, VP, P.E., Weston Solutions, Inc. (WESTON®)
EPA Region 6, Superfund Technical Assessment and Response Team (START-3)
Program Manager

From: Thomas A. Walzer, WESTON
EPA Region 6, START-3 Project Team Leader

Subject: Acknowledgment of Completion Report: KMCO TEG Release
16503 Ramsey Road, Intersection of Ramsey Road and Crosby Dayton Road,
Crosby, Harris County, Texas
Contract No. EP-W-06-042
TDD No. TO-0001-08-11-02
W.O. No. 20406.012.001.0383.01
NRC No. 890448 and 890453
FPN N/A
CERCLIS ID N/A
Latitude 29.921078° North
Longitude 95.053996° West

Geographic coordinates of the incident location were determined by START-3 members using the hand-held Global Positioning System (GPS) based on the World Geodetic System-1984, with accuracy estimated at less than 50-feet circular probable error.

2. SUMMARY OF ACTIONS

On 19 November 2008, the U.S. Environmental Protection Agency Region 6, Prevention and Response Branch (EPA-PRB) was notified by the National Response Center (NRC No. 890448 and 890453) of a potential release of 150,000 gallons of triethylene glycol (TEG) at the KMCO

Plant at the intersection of Ramsey Road and Crosby Dayton Road in Crosby, Harris County, Texas. On 19 November 2008 at 1300 hours, EPA-PRB notified WESTON, the EPA Region 6 START-3 contractor, to perform a Tier 3 response investigation and to initiate all relevant response activities. START-3 arrived on-site at approximately 1445 hours on 19 November 2008.

Upon arrival on-site, START-3 met with KMCO representatives who told START-3 that Tank 94, a 200,000-gallon aboveground storage tank, had contained 191,000 gallons of makeup/stormwater when it collapsed. The rush of released water lifted Tank 319 off of its foundation causing it to tip over and sever the piping at its base. The severed Tank 319 piping released approximately 6,000 gallons of TEG into ditches on-site. Two railroad workers were hit with the spray from the collapse of Tank 94. The railroad workers were placed into emergency-rinse showers for 15 minutes and transported to a hospital for observation. KMCO had dammed the ditches and used vacuum trucks to recover the water and diluted TEG. The recovered water and TEG were placed in the facility wastewater treatment system. START-3 performed the following activities: (1) mobilized to the site; (2) monitored for organic vapors and lower explosion limit using a MultiRAE 4-gas meter; and (3) obtained logbook and photographic documentation of site conditions. During the site visit, START-3 monitored downwind of the facility and in the vicinity of the collapsed tank. Representatives of the Harris County Hazardous Materials Team also responded and collected soil samples upstream and downstream of the spill area to determine whether any off-site impacts had occurred. The results of the analysis of these samples were not available at the time of the writing of this AOC. KMCO representatives had not established the cause of the tank collapse. After reporting site conditions and air monitoring readings to EPA OSC Adam Adams, START-3 was released from the site at 1540 hours on 19 November 2008.

This final report was prepared as part of the requirements of the Technical Direction Document (TDD) No. TO-0001-08-11-02 and serves as documentation of work completed to date.

3. LIST OF ATTACHMENTS

A. Site Location Map

- B. Site Area Map
- C. Copy of NRC Report Nos. 890448 and 890453
- D. Copy of START-3 Site Logbook
- E. Digital Photographs
- F. Pollution Report (POLREP)
- G. Copy of TDD No. TO-0001-08-11-02

☐

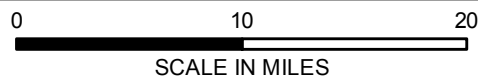
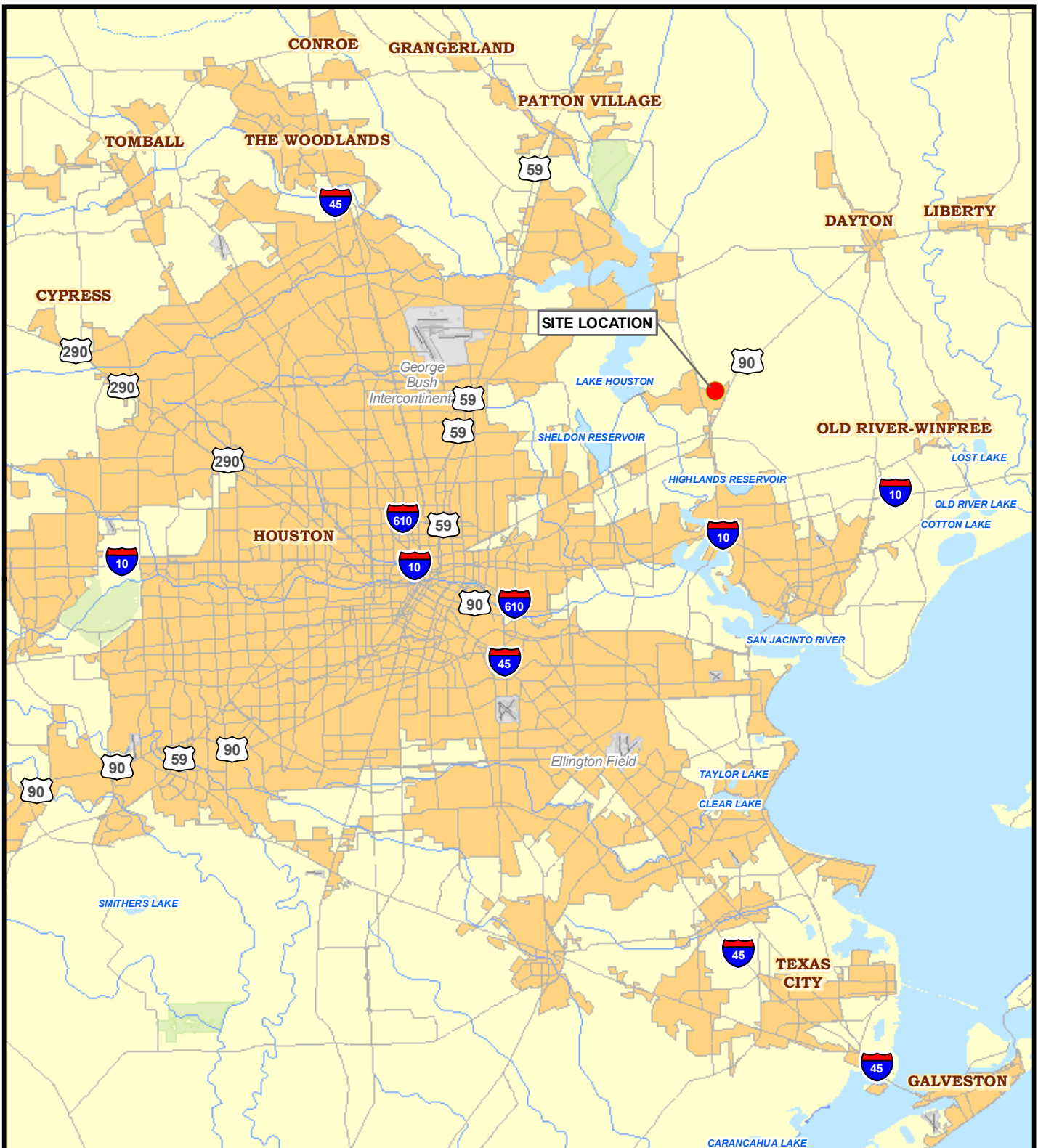
The EPA Task Monitor did not provide final approval of this report prior to the completion date of the work assignment. Therefore, Weston Solutions, Inc. has submitted this report absent the Task Monitor's approval.

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The EPA Task Monitor has provided final approval of this report. Therefore, Weston Solutions, Inc. has submitted this report with the Task Monitor's approval.

ATTACHMENT A

SITE LOCATION MAP



LEGEND

● SITE LOCATION



USEPA REGION 6 START-3

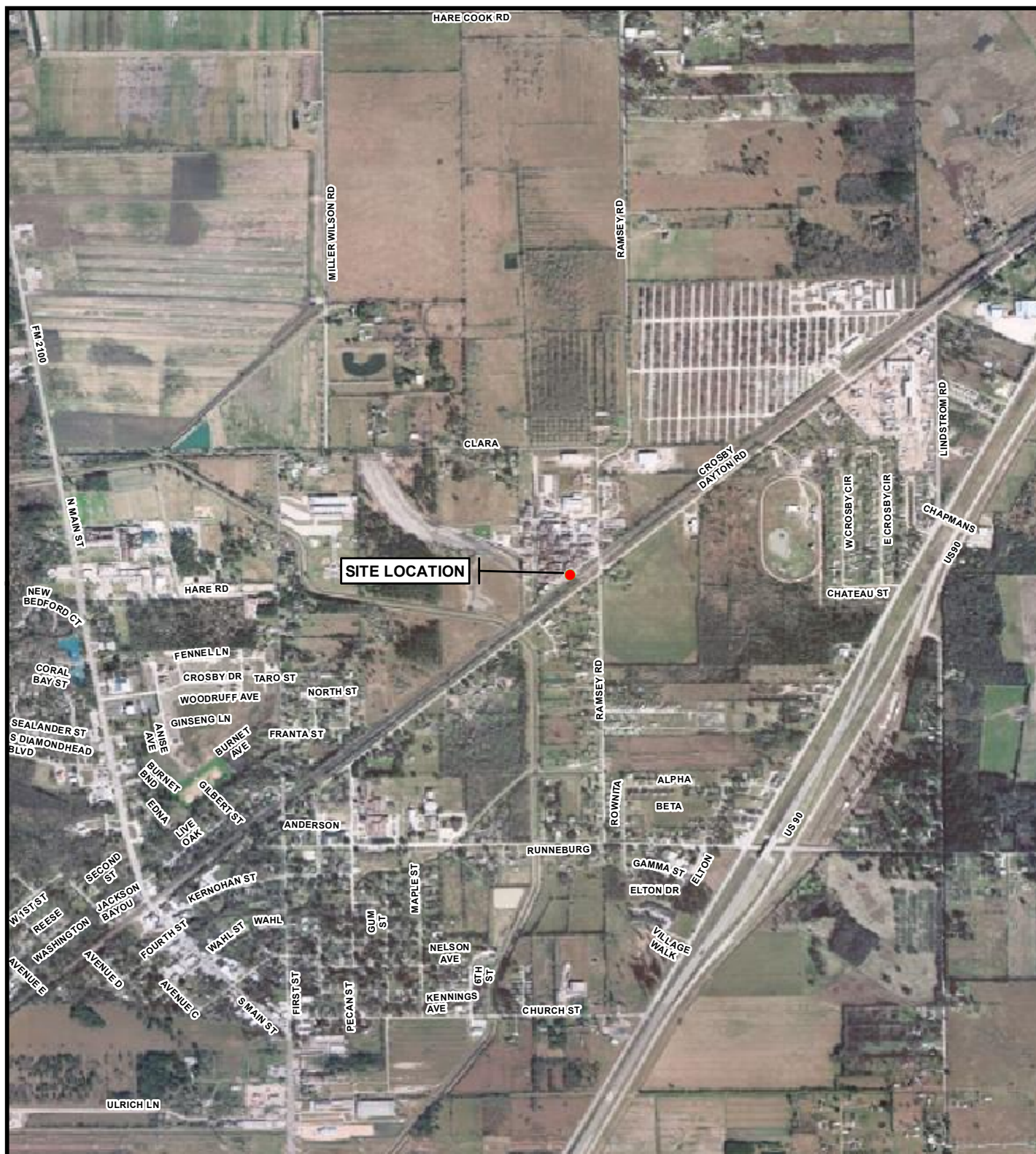
ATTACHMENT A
SITE LOCATION MAP
KMCO TEG RELEASE
16503 RAMSEY ROAD
HARRIS COUNTY, CROSBY, TEXAS

NRC: 89044.8 AND 89045.3
TDD: TO-0001-08-11-02
CONTRACT NUMBER: EP-W-06-042
SOURCE: ESRI

DATE DEC. 2008	PROJECT NO 20406.012.001.0383.01	SCALE AS SHOWN
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ATTACHMENT B

SITE AREA MAP



0 1,875 3,750
SCALE IN FEET

LEGEND

● SITE LOCATION



**USEPA REGION 6
START-3**

**ATTACHMENT B
SITE AREA MAP
KMCO TEG RELEASE
16503 RAMSEY ROAD
HARRIS COUNTY, CROSBY, TEXAS**

DATE
DEC. 2008

PROJECT NO
20406.012.001.0383.01

SCALE
AS SHOWN

NRC: 890448 AND 890453
TDD: TO-0001-08-11-02
CONTRACT NUMBER: EP-W-06-042
SOURCE: GLOBE EXPLORER (DEC 2007)

ATTACHMENT C

COPY OF NRC REPORT NOs. 890448 AND 890453

NATIONAL RESPONSE CENTER 1-800-424-8802

*** For Public Use ***

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 890448

INCIDENT DESCRIPTION

*Report taken at 13:35 on 19-NOV-08

Incident Type: STORAGE TANK

Incident Cause: UNKNOWN

Affected Area:

The incident occurred on 19-NOV-08 at 10:23 local time.

Affected Medium: LAND CONCRETE

SUSPECTED RESPONSIBLE PARTY

XX

Type of Organization: UNKNOWN

INCIDENT LOCATION

County: HARRIS

City: CROSBY State: TX

CHEMCO INDUSTRY TRACK AT THE INTERSECTION OF RAMSET RD AND CROSBY DAYTON RD

RELEASED MATERIAL(S)

CHRIS Code: TEG Official Material Name: TRIETHYLENE GLYCOL

Also Known As:

Qty Released: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

TRIETHYLENE GLYCOL HAS SPILLED ONTO THE RAIL BALLAST FROM AN ABOVE GROUND STORAGE TANK LOCATED AT THE CHEMCO INDUSTRY TRACK. THIS RELEASE HAS AFFECTED UNION PACIFIC RAILROAD TRAFFIC. THE CALLER STATED SOME OF THE MATERIAL HAS SPILLED ONTO A BNSF EMPLOYEE, THE CALLER DID NOT KNOW IF THIS INDIVIDUAL WAS SENT TO THE HOSPITAL OR TREATED ON THE SCENE.

INCIDENT DETAILS

Description of Tank: TRIETHYLENE GLYCOL STORAGE TANK

Tank Above/Below Ground: ABOVE

Transportable Container: UNKNOWN

Tank Regulated: UNKNOWN

Tank Regulated By:

Tank ID:

Capacity of Tank: 0 UNKNOWN AMOUNT

Actual Amount: 0 UNKNOWN AMOUNT

DAMAGES

Fire Involved: NO Fire Extinguished: UNKNOWN
 INJURIES: YES Hospitalized: Empl/Crew: 1 Passenger:
 FATALITIES: NO Empl/Crew: Passenger: Occupant:
 EVACUATIONS: NO Who Evacuated: Radius/Area:
 Damages: NO

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Length of Closure</u>	<u>Direction of Closure</u>
Air: N			
Road: N			M: Ar
Waterway: N			
Track: Y	MAIN TRACK		ALL

Passengers Transferred: NO
 Environmental Impact: NO
 Media Interest: NONE Community Impact due to Material:

REMEDIAL ACTIONS

RESPONSE ACTIONS ARE UNDERWAY.
 Release Secured: UNKNOWN
 Release Rate:
 Estimated Release Duration:

WEATHER

Weather: UNKNOWN, °F

ADDITIONAL AGENCIES NOTIFIED

Federal: NONE
 State/Local: TCEQ
 State/Local On Scene: NONE
 State Agency Number: 20084159

NOTIFICATIONS BY NRC

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
 19-NOV-08 13:46
 EPA HQ EMERGENCY OPERATIONS CENTER (MAIN OFFICE)
 19-NOV-08 15:02
 U.S. EPA VI (MAIN OFFICE)
 19-NOV-08 13:56
 JFO-LA (COMMAND CENTER)
 19-NOV-08 13:46
 NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
 19-NOV-08 13:46
 NOAA RPTS FOR TX (MAIN OFFICE)
 19-NOV-08 13:46
 HOMELAND SEC COORDINATION CENTER (MAIN OFFICE)
 19-NOV-08 13:46
 TCEQ (MAIN OFFICE)

19-NOV-08 13:46
TX DEPT OF STATE HEALTH SERVICES (COMMAND CENTER)
19-NOV-08 13:46
TX GENERAL LAND OFFICE (MAIN OFFICE)
19-NOV-08 13:46
TX GENERAL LAND OFFICE (TXGLO REGION 2)
19-NOV-08 13:46
TEXAS STATE OPERATIONS CENTER (COMMAND CENTER)
19-NOV-08 13:46

ADDITIONAL INFORMATION

THE CALLER HAD LIMITED INFORMATION.

*** END INCIDENT REPORT # 890448 ***

NATIONAL RESPONSE CENTER 1-800-424-8802

*** For Public Use ***

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 890453

INCIDENT DESCRIPTION

*Report taken at 14:27 on 19-NOV-08

Incident Type: STORAGE TANK

Incident Cause: UNKNOWN

Affected Area:

The incident occurred on 19-NOV-08 at 10:23 local time.

Affected Medium: OTHER ONTO THE BALLAST AND ANOTHER UNKNOWN SURFACE

SUSPECTED RESPONSIBLE PARTY

XX

Type of Organization: UNKNOWN

INCIDENT LOCATION

County: HARRIS

City: CROSBY State: TX

CHEMCO INDUSTRY TRACK AT THE INTERSECTION OF RAMSET RD AND CROSBY DAYTON RD

RELEASED MATERIAL(S)

CHRIS Code: TEG Official Material Name: TRIETHYLENE GLYCOL

Also Known As:

Qty Released: 150000 GALLON(S)

Qty in Water: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

CALLER STATED 150,000 GALLONS OF TRIETHYLENE GLYCOL HAS SPILLED ONTO THE RAIL BALLAST FROM AN THREE ABOVE GROUND STORAGE TANKS AND TWO ANOTHER LEANING ABOVE GROUND STORAGE TANKS. THIS RELEASE HAS AFFECTED UNION PACIFIC RAILROAD TRAFFIC. THE CALLER STATED SOME OF THE MATERIAL HAS SPILLED ONTO ONE OR TWO BNSF EMPLOYEES, THE ONE OR TWO INJURED INDIVIDUALS WERE SENT TO THE HOSPITAL. THE CALLER HAD LIMITED INFORMATION ABOUT THIS INCIDENT WHICH WAS REPORT EARLIER TODAY ON INCIDENT REPORT NUMBER 890448. CALLER STATED AT THAT TIME THE AMOUNT OF MATERIALS INVOLVED WAS NOT KNOWN.

INCIDENT DETAILS

Description of Tank: THREE STORAGE TANK&TWO OTHERS LEANING

Tank Above/Below Ground: ABOVE

Transportable Container: NO

Tank Regulated: UNKNOWN

Tank Regulated By:

Tank ID:

Capacity of Tank:

Actual Amount:

DAMAGES

Fire Involved: NO Fire Extinguished: UNKNOWN
 INJURIES: YES Hospitalized: 2 Empl/Crew: Passenger:
 FATALITIES: NO Empl/Crew: Passenger: Occupant:
 EVACUATIONS: NO Who Evacuated: Radius/Area:
 Damages: UNKNOWN

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Length of Closure</u>	<u>Direction of Closure</u>
Air:	N		
Road:	N		Mi
Waterway:	N		Ar

Track: Y MAIN TRACK 3

Passengers Transferred: NO
 Environmental Impact: UNKNOWN
 Media Interest: NONE Community Impact due to Material:

REMEDIAL ACTIONS

CALLER STATED COMPANY WERE THIS TOOK PLACE WILL BE DOING THE REMEDIATION OF THIS SPILL.
 Release Secured: UNKNOWN
 Release Rate:
 Estimated Release Duration:

WEATHER

Weather: CLEAR, 62°F Wind speed: 1 MPH Wind direction: SW

ADDITIONAL AGENCIES NOTIFIED

Federal: NONE
 State/Local: TCEQ, TX DOT, TXDPS
 State/Local On Scene: CROSY PD&FD, EMS, COUNTY SHERIFF
 State Agency Number: 20084163

NOTIFICATIONS BY NRC

CHEM SAFETY AND HAZARD INVEST BOARD (MAIN OFFICE)
 19-NOV-08 14:45
 DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
 19-NOV-08 14:45
 EPA HQ EMERGENCY OPERATIONS CENTER (MAIN OFFICE)
 19-NOV-08 15:02
 U.S. EPA VI (MAIN OFFICE)
 19-NOV-08 14:51
 GULF STRIKE TEAM (MAIN OFFICE)
 19-NOV-08 14:45
 JFO-LA (COMMAND CENTER)

19-NOV-08 14:45
NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
19-NOV-08 14:45
NOAA RPTS FOR TX (MAIN OFFICE)
19-NOV-08 14:45
HOMELAND SEC COORDINATION CENTER (MAIN OFFICE)
19-NOV-08 14:45
TCEQ (MAIN OFFICE)
19-NOV-08 14:45
TX DEPT OF STATE HEALTH SERVICES (COMMAND CENTER)
19-NOV-08 14:45
TX GENERAL LAND OFFICE (MAIN OFFICE)
19-NOV-08 14:45
TX GENERAL LAND OFFICE (TXGLO REGION 2)
19-NOV-08 14:45
TEXAS STATE OPERATIONS CENTER (COMMAND CENTER)
19-NOV-08 14:45

ADDITIONAL INFORMATION

*** END INCIDENT REPORT # 890453 ***

ATTACHMENT D
COPY OF START-3 SITE LOGBOOK



"Rite in the Rain"

ALL-WEATHER

JOURNAL

No. 391

KMCO TEG RELEASE
TDD TO-0001-08-11-12
WO# 20406.012.001.0383.01

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

DATE _____

2 TD-0001-08-11-02 20406.012.001.0383.01
11/19/2008 KMCO TEG RELEASE
210gal triethylene Glycol TANK
Collapsed AST Makeup water TANK
Small seepage from Adjacent TANK
TANK 150,000 Makeup TANK TANK
1300 Activated TANK
200,000 gallon Tank failed TANK
Railroad crew sprayed TANK
Lat: N 29.55.17.41 TANK
Long: ~~95.03~~ 95.03 10.34 TANK
Cross Ramsey Rd & Drytown TANK
Crosby, Harris County TX TANK
890448 - 890453 NRC #'s TANK
Bill Glusko 281-635-114 TANK
Chemco Facility TANK # 94 TANK
200,000 gallon - Stormwater TANK
TANK collapsed; Broke Line to TANK
6,000 gallon - TANK 317 (9,000 gallon TANK
TANK 317+318+319 Affected. TANK
DAVE EDWARDS. 281 328 0303 TANK
191,000 gallons of Stormwater TANK
RECOVERED INTO WASTEWATER SYSTEM TANK
TEG - Triethylene Glycol and WATER TANK
Harris County Fire Marshall Office TANK
(b) (6) TANK
TANK

Thom C. Culp 11/19/2008

TD-0001-08-11-02 20406.012.001.0383.01 3
11/19/2008 KMC TEG RELEASE
(b) (6)
1540 Left site TANK
1637 Pump Test 23674 TANK
CO - 58 to 60 TANK
H₂S 33 to 25 TANK
LEL 43 to 50% straw TANK
SUMMARY TANK
TANK Nominal Capacity 200,000 gallons
Failed Releasing 191,000 gallons TANK
Stormwater / Makeup Water TANK
Broke lines to 9,000 gallon TEG TANK
RELEASING 6,000 gallon TEG TANK
Coordinates of TANK based on Google Earth
29.921078, -95.053996
Photo SET 1 29.92083, -95.053358
Photo SET 2 29.920818, -95.053602



HIGH VACUUM DISTILLATIONS
CHEMICAL PROCESSING AND
MANUFACTURING

Bill Glushko
Environmental Manager

KMCO
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Crosby, Texas 77532
(281) 328-0220
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billg@kmco.com


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HIGH VACUUM DISTILLATIONS
CHEMICAL PROCESSING AND
MANUFACTURING

David B. Edwards P.E.
Technical Engineering Manager

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Crosby, Texas 77532
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(713) 816-1951 Cell
davide@kmcoinc.com


ChemStewardsSM
THE ROAD TO CONTINUOUS IMPROVEMENT
ISO 9001:2000 Certified



EPA Response Manager Photo Report

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Event Name: KMCO TEG Release

Incident Name: KMCO TEG Release

Photo Name: 2008-11-19_1540A

Photo Type: Overview

Direction: NE

Date/Time: Nov 19 2008 3:40PM

Latitude: 29.920983

Longitude: -95.053358

Photographer: Tom Walzer

Witness: Ethelyn Blackmon

Caption: Towarc Collapsed tank





EPA Response Manager Photo Report

[Browse Photos](#) [Search Photos](#)



Event Name: KMCO TEG Release

Incident Name: KMCO TEG Release

Photo Name: 2008-11-19_1540B

Photo Type: Overview

Direction: NE

Date/Time: Nov 19 2008 4:40PM

Latitude: 29.920983

Longitude: -95.053358

Photographer: Tom Walzer

Witness: Ethelyn Blackmon

Caption: Towarc Collapsed tank - zoom in





EPA Response Manager Photo Report

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Event Name: KMCO TEG Release

Incident Name: KMCO TEG Release

Photo Name: 2008-11-19_1541A

Photo Type: Overview

Direction: NE

Date/Time: Nov 19 2008 4:41PM

Latitude: 29.920818

Longitude: -95.053602

Photographer: Tom Walzer

Witness: Ethelyn Blackmon

Caption: Towarc Collapsed tank





EPA Response Manager Photo Report

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Event Name: KMCO TEG Release

Incident Name: KMCO TEG Release

Photo Name: 2008-11-19_1541B

Photo Type: Overview

Direction: N

Date/Time: Nov 19 2008 4:41PM

Latitude: 29.920983

Longitude: -95.053358

Photographer: Tom Walzer

Witness: Ethelyn Blackmon

Caption: Towarc Collapsed tank



ATTACHMENT F

COPY OF POLREP

**United States Environmental Protection Agency
Region VI
POLLUTION REPORT**

Date: Thursday, November 20, 2008

From: Adam Adams, OSC

To: R6 PolRep TX, Response and Prevention Branch
Ragan Broyles, Superfund Division
Debbie Dietrich, Office of Emergency Management

Subject: First and Final POLREP
KMCO TEG Release
16503 Ramsey Road, Crosby, TX
Latitude: 29.921078
Longitude: -95.053996

POLREP No.:	1	Site #:	
Reporting Period:	11/19/2008	D.O. #:	
Start Date:	11/19/2008	Response Authority:	CERCLA
Mob Date:	11/19/2008	Response Type:	Emergency
Completion Date:		NPL Status:	
CERCLIS ID #:		Incident Category:	Removal Assessment
RCRIS ID #:		Contract #	

Site Description

On 19 November 2008, KMCO reported the collapse of a 200,000 gallon AST at their facility in Crosby, Texas to the National Response Center (NRC). The initial NRC report 890448 reported that 150,000 of triethylene glycol (TEG) had been released due to a tank rupture, spraying the material onto the adjacent railroad track and onto a BNSF crew. Company officials indicated that the 200,000 gallon AST contained waste / storm water. NRC Report 890453 was an update to the original NRC Report and indicated an adjacent tank leaked the TEG. The incident occurred on 19 November 2008, and two railroad workers were treated and sent to the hospital for observation. Company officials did not know the cause of the tank collapse, but are investigating the incident.

Current Activities

On 19 November 2008, EPA mobilized its Superfund Technical Assistance Response Team (START) contractor to conduct air monitoring downwind of the facility and in the vicinity of the collapsed tank. START did not detect any LEL or VOCs above background. START confirmed that Tank 94 had contained 191,000 gallons of waste / storm water when it collapsed, causing a Tank 319 (TEG) to be rotated by the catwalk from southwest of Tank 321 to south southeast of Tank 321. This severed the bottom piping of Tank 319 releasing approximately 6,000 gallon of TEG into the ditches on the facility. Two railroad workers were hit with the spray from the collapse of Tank 94. They were placed into emergency rinse showers for 15 minutes before being transported to the nearest medical facility for observation. The ditches were dammed and vacuum trucks were being used to recover the diluted TEG. This recovered water and TEG was being placed in the facility's waste water treatment system. Representatives of the Harris County Hazardous Materials team also responded and collected samples up and down stream of the spill area to identify any off site impacts. KMCO representatives had not established the cause of the incident that had collapsed the tank.

Planned Removal Actions

None

Next Steps

Maintain contact with the KMCO Representative to obtain additional information.

www.epaosc.net/KMCOTEGRelease

ATTACHMENT G

COPY OF TDD NO. TO-0001-08-11-02

EPA

U.S. EPA
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2744

START3 Technical Direction Document

Response Activities- REMOVAL
Funds (0001)
Weston Solutions, Inc.

TDD #: TO-0001-08-11-02
Contract: EP-W-06-042

! = required field

TDD Name: KMCO TEG Release		! Period: Base Period
! Purpose: Work Assignment Initiation		Verbal Date: 11/19/2008
! Priority: High		! Start Date: 11/19/2008
Overtime: Yes		! Completion Date: 02/02/2009
! Funding Category: Removal		Invoice Unit:
! Project/Site Name: KMCO TEG Release		WorkArea: RESPONSE ACTIVITIES
Project Address: Intersection Ramsey Road & Crosby Dayton Road		Activity: Emergency Response
County: Harris		Work Area Code:
City, State: Crosby, TX		Activity Code: RV
Zip: 77532		EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT
! SSID: A6L6		FPN:
CERCLIS:		Performance Based: No
Operable Unit:		

Authorized TDD Ceiling:	Cost/Fee	LOE (Hours)
Previous Action(s):	\$0.00	0.0
This Action:	\$6,000.00	0.0
New Total:	\$6,000.00	0.0

Specific Elements More specifically the contractor shall, - Collect facts regarding the discharge or release to include its source and cause, - Identify potentially responsible parties, - Analyze the nature amount and location of discharged or released materials, - Analyze the probable direction and time of travel of discharged or released materials, - Identify the pathways to human and environmental exposure, - Identify active or historical facility processes or operations that may contribute to the release or threat of release of hazardous substances pollutants contaminants or discharge of oil, - Observe and document federal state and private actions taken to conduct a response action, - Develop site specific Health and Safety Plans (HSPs), - Develop health and safety procedures for response activities such as OSHA levels of protection associated with a site

Description of Work:

Respond to incident site; Conduct on-scene monitoring and air monitoring; assist OSC with data input into OSC website; draft POLREP for review; coordinate with facility, TCEQ, OSC, state and local authorities/agencies.

Accounting and Appropriation Information

SFO: 22

Line	DCN	IFMS	Budget/ FY	Appropriati on Code	Budget Org Code	Program Element	Object Class	Site Project	Cost Org Code	Amount
1	RSC048	XXX	08	T	6A00S	302DC6C	2505	A6L6RV00	C001	\$6,000.00

Funding Summary:	Funding
Previous:	\$0.00
This Action:	\$6,000.00
Total:	\$6,000.00

Funding Category

Removal

Section

- Signed by Adam Adams/R6/USEPA/US on 11/19/2008 03:04:36 PM, according to Cheng Wei Feng/star
: Adam Adams Date: 11/19/2008

Project Officer Section - Signed by Terri Lewis/DC/USEPA/US on 11/26/2008 07:10:46 AM, according to Ch

Project Officer: Linda Carter **Date:** 11/21/2008

Contracting Officer Section - Signed by Cora Stanley/R6/USEPA/US on 11/28/2008 09:43:52 AM, according

Contracting Officer: Cora Stanley **Date:** 11/28/2008

Contractor Section - Signed by Terri Lewis/DC/USEPA/US on 11/26/2008 07:10:46 AM, according to Ch

Contractor Contact: **Date:**
